

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1 to 42.

Please add new claims 43 to 60.

Claims 1 to 42 (Cancelled)

43.) (New) A compound that specifically hybridizes to a nucleic acid molecule encoding the human HGPRBMY23 polypeptide of SEQ ID NO:2, the polynucleotide sequence provided as SEQ ID NO:1, or the polynucleotide sequence provided in ATCC Deposit No. PTA-2966, wherein said compound inhibits the expression of said polypeptide.

44.) (New) The compound according to Claim 43 wherein said compound is from about 10 to about 50 nucleotides in length.

45.) (New) The compound according to Claim 44 wherein said compound is an antisense oligonucleotide.

46.) (New) The compound according to Claim 45 wherein said compound is a member of the group consisting of:

- a.) an compound having the sequence provided as SEQ ID NO:51;
- b.) an compound having the sequence provided as SEQ ID NO:52;
- c.) an compound having the sequence provided as SEQ ID NO:53;
- d.) an compound having the sequence provided as SEQ ID NO:54; and
- e.) an compound having the sequence provided as SEQ ID NO:55.

47.) (New) The compound according to Claim 45 wherein said compound is comprised of DNA.

48.) (New) The compound according to Claim 45 wherein said compound is comprised of RNA.

49.) (New) The compound according to Claim 45 wherein said compound is comprised of both DNA and RNA.

50.) (New) The compound according to Claim 45 wherein said compound is single stranded.

51.) (New) The compound according to Claim 45 wherein said compound is double stranded.

- 52.) (New) The compound of Claim 45 wherein said compound comprises at least one modified internucleoside linkage.
- 53.) (New) The compound of Claim 45 wherein said compound comprises at least one modified sugar moiety.
- 54.) (New) The compound of Claim 45 wherein said compound comprises at least one modified nucleotide.
- 55.) (New) The compound according to Claim 45 wherein said compound further comprises a heterologous polypeptide
- 56.) (New) A recombinant vector comprising the compound according to Claim 45.
- 57.) (New) A recombinant host cell comprising the vector sequences of Claim 56.
- 58.) (New) The recombinant host cell of Claim 57 that expresses the compound of Claim 45, or a complement thereof.
- 59.) (New) A method of inhibiting the expression of the polypeptide of SEQ ID NO:2 comprising the step of culturing the recombinant host cell of Claim 58 under conditions such that said compound is expressed.
- 60.) (New) A method of inhibiting the expression of the polypeptide of SEQ ID NO:2 in cells or tissues comprising contacting said cells or tissues in vitro with the compound of Claim 43 so that expression of said polypeptide is inhibited.